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LETTER REGARDING REVIEW AND COMMENTS FROM FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION OF DRAFT FINAL ANNUAL GROUNDWATER MONITORING REPORT OCTOBER 2012 SAMPLING EVENT OPERABLE UNIT 13 SITES 8 AND 24 NAS PENSACOLA FL

12/13/2013

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
BOB MARTINEZ CENTER
2600 BLAIRSTONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT
GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

December 13, 2013

Ms. Patty Marajh-Whittemore
Remedial Project Manager
ITP Gulf Coast
Naval Facilities Engineering Command Southeast
Attn: AJAX Street, Building 135N
P.O. Box 30A
Jacksonville, FL 32212-0030

RE: Draft Final Annual Groundwater Monitoring Report (October 2012 Sampling Event), Operable Unit 13, Site 8 and 24, Naval Air Station Pensacola, Pensacola

Dear Patty:

The Department has reviewed the Draft Final Annual Groundwater Monitoring Report (October 2012 Sampling Event), Operable Unit 13, Site 8 and 24, Naval Air Station Pensacola, dated March 12, 2013 (received March 14, 2013), prepared by Solutions-IES, Inc. I have the following comments on the report:

(1) On Figure 4, please denote in the legend what shaded cells and bolded and unbolded concentrations in the chemical analytical results boxes represent. It appears that shaded cells represent where the analysis of a particular chemical exceeded its groundwater cleanup target level and inorganic background concentration. However, if that is the case, the cell representing the March 16, 2010 cadmium concentration in well 08GR05 should be shaded.

(2) Solutions-IES makes the recommendation to remove antimony analysis from groundwater samples collected from monitoring wells 08GR01R, 08GR02R, 08GR03R, 08GR05, 08GR06R and 24GS02R. I concur with this recommendation.

(3) Solutions-IES makes the recommendation to remove cadmium analysis from groundwater samples collected from monitoring wells 08GR06R, 24G10R, 24GS11 and 24GS15. I concur with this recommendation.

(4) Solutions-IES makes the recommendation to remove manganese analysis from groundwater samples collected from monitoring wells 08GR03R, 08GR05R and 08GR06R. I concur with this recommendation.

(5) Based on the groundwater flow map in Figure 3, groundwater flows in a generally northeast to north-northeast direction. Based on that groundwater flow direction, true downgradient wells bounding the cadmium contamination detected in monitoring well 08GR05 and antimony contamination detected in monitoring well 24GS11 are not present and would need to be installed.

(6) Please provide figures depicting the estimated plume configurations of the four inorganic chemicals of concern being monitored at Operable Unit 13. These figures should be redrawn after each sampling event. They will make it easier to determine if the plumes are stable, shrinking or migrating and whether installing additional wells is necessary.

If you have any questions regarding this letter, please contact me at (850) 245-8997.

Sincerely,

David P. Grabka, P.G.
Remedial Project Manager
DoD and Brownfields Partnerships
Waste Cleanup Program

CC: Greg Campbell, NAS Pensacola
Tim Woolheater, EPA Region 4
Gerry Walker, Tetra Tech, Tallahassee
Allison Harris, Ensafe, Memphis, TN

KAW